



Oregon State University Veterinary Diagnostic Laboratory

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**Final
Version 1**
*This report supersedes all
previous reports for this case*

VDL Accession #: 13V03830
Referral #: MULD-3469
VTHCase #:
Date Collected: 10/04/2012
Date Received: 10/05/2012
Case Coordinator: Jerry Heidel, DVM,
PhD, DACVP
**Electronically Signed and Authorized
By:** Jerry Heidel, DVM, PhD, DACVP on
10/12/2012 9:18:36AM

0076791 **Email To:**
Burco, DVM, Julia
julia.d.burco@state.or.us

Collection Site:
Northwest Aluminum
River Road
THE DALLES, OR 97058

Comments to Client: Attn: Jeremy Thompson

Specimens Received: 1 Feces; 1 Whole Body;

Case Contacts

Report To	Burco, DVM, Julia	5412077305	
Report To	Green, Richard		
Submitter	Oregon Dept of Fish & Wildlife	5417574186	7118 NE Vandenberg Ave, , Corvallis, OR 97330-9400

Specimen Details

ID	ID Type	Other IDs	Taxonomy	Gender	Age/DOB
MULD-3469	Facility ID		Mule Deer	Male	Not Reported

Diagnosis

Penetrating thoracic wound with pneumothorax

Case Summary

This deer had a perforating wound of the left thoracic wall, with an aligned and presumed extension into the left lung lobe. The wound did not result in clinically significant hemorrhage, but it would have caused pneumothorax and could have contributed to the death of this animal. As for cause, first thought is a target arrow (barbless) that penetrated then fell out. A stick or some other narrow firm object upon which the deer fell might also be considered. A strongyle burden was demonstrated by fecal analysis. Kidney, liver, and stomach contents have been retained; if toxicology testing is desired, please contact the laboratory. Those samples will be held for 30 days.

Necropsy

A 2 to 3 year old male mule deer is presented for necropsy. The animal weighs 47 kg and is in poor body condition. There is a 2 cm diameter perforation of the thoracic body wall, between ribs 8 and 9, with associated connective tissue hemorrhage. The adjacent left lung lobe has a 4 x 1 cm blood filled tract penetrating the pulmonary parenchyma, in line with the body wall wound. Scant blood lies on the adjacent pleural surface. The lung lobes are collapsed. Stomach contents (plant material) are normal in volume and consistency. Small and large intestine have normal contents. No gross lesions are found in the brain, oropharynx, esophagus, trachea, heart, stomach, small and large intestine, thyroid, adrenal, pancreas, liver, spleen, kidneys, and testicles.

NECROPSY - Wildlife 30-300 lbs

Animal/Source	Specimen	Specimen Type	Date Resulted	Results
MULD-3469		Whole Body	12-Oct-2012	Report Completed

Histopathology

The liver has vascular congestion. Brain, lung, intestine, heart, kidney, abomasum, thyroid, spleen, and adrenal lack significant lesions.

HISTOPATHOLOGY REPORT

Animal/Source	Specimen	Specimen Type	Date Resulted	Results
MULD-3469		Tissue - Fixed	12-Oct-2012	Report Completed

Parasitology**FECAL EXAM - MCMASTER**

Animal/Source	Specimen	Specimen Type	Date Resulted	Results
MULD-3469		Feces	05-Oct-2012	Strongyle 2725 ova/g